## EAST Search History

| Ref # | Hits  | Search Query   | DBs                    | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|--|------------------------|---------------------|---------|---------------------|
| S1    | 1070  | (375/219 or 375/220).<br>ccls. and switch  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:42 |
| S2    | 892   | S1 and @ad<"20030822"  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:42 |
| S3    | 58752 | switch\$3 same receiver and transmitter  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:43 |
| S4    | 39215 | switch\$3 same receiver<br>same transmitter  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:43 |
| S5    | 11034 | S4 same antenna  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:43 |
| S6    | 109   | S1 and S5  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:43 |
| S7    | 78    | S6 and @ad<"20030822"  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:43 |
| S8    | 1     | "6615027".pn.  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:46 |
| S9    | 18    | S7 and (upconvert\$3 or upconversion or (up convert\$4) or (up convert\$5) and (downconvert\$3 or downconvert\$3 or downconvert\$4) or (downconvert\$6] or (downconvert\$6] or (downconvert\$6]. | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07          |
| S10   | 4     | S9 and vco   | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:51 |
| S11   | 4223  | (half duplex) same (diplex<br>\$3 or full duplex)  | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:55 |
| S12   | 732   | S4 and S11   | US-<br>PGPUB;<br>USPAT | ADJ                 | ON      | 2008/04/07<br>13:55 |

| S13 | 120 | S12 and (upconvert\$3 or<br>upconvert\$4) or (up<br>convert\$4) or (up<br>convert\$3) and<br>(downconvert\$3 or<br>downconvert\$4) or (down<br>convert\$4) or (down<br>convert\$6) | US-<br>PGPUB;<br>USPAT | ADJ | 00<br> | 2008/04/07<br>13:56 |
|-----|-----|--|------------------------|-----|--------|---------------------|
| S14 | 77  | S13 and<br>@ad<"20030822"  | US-<br>PGPUB;<br>USPAT | ADJ | ON     | 2008/04/07<br>13:56 |
| S15 | 26  | S14 and (vco or voltage control\$3 oscillat\$4)  | US-<br>PGPUB;<br>USPAT | ADJ | ON     | 2008/04/07<br>14:04 |

<sup>4/16/08 9:54:34</sup> AM

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